

You are invited to attend

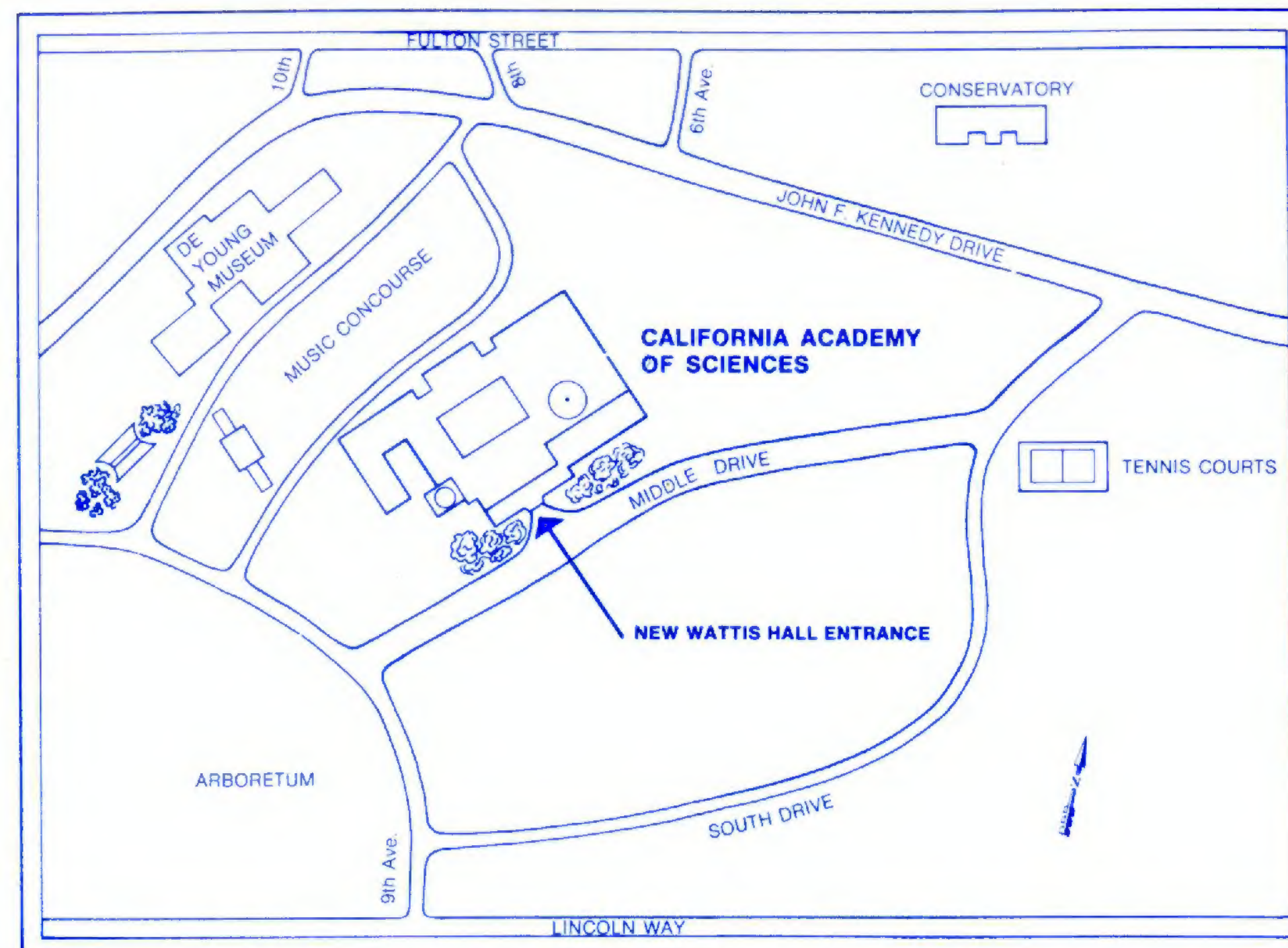
THE MEMBERSHIP PREVIEW OF THE WATTIS HALL OF MAN

Thursday, July 1, 1976
5:30 to 8:00 p.m.

The new Wattis Hall of Man is an exciting museum; unique in its presentation of ecological anthropology. More than a museum, the hall is a celebration of the ingenuity and creativity that make Man the most remarkable animal on earth. Realistic exhibits transport you to fascinating cultures around the world and show how Man has adapted to thrive in diverse environmental conditions that range from the sub-zero polar region to blistering desert terrain.

Step into the world of an Arctic Eskimo during a seal hunt, or visit a dry desert campsite in Australia guarded by an ancient aborigine. The single largest exhibit in the Hall of Man is the full-size redwood plank house typical of the family dwelling of the Northwest Coast California Indians. Each exhibit displays life-cast sculptures and artifacts in an approach that gives the visitor a sense of "being there".

The striking new entrance galleries offer collections of pre-Columbian art, colorful Mexican dance masks, Southwest American Indian art and much more. A lively attraction is the activities area where living arts will be presented throughout the coming months. Tours of the new Botany and Entomology research facilities will be given, and refreshments will be available.



The membership preview of the Wattis Hall of Man begins at 5:30 p.m. You may enter through Cowell Hall or through the new entrance off Middle Drive, (see map). Please remember that this is the regular membership meeting for July and for members only. You will be asked to present your membership card at the door.

Special Exhibits

A new San Francisco landmark now stands in place in the Fountain of Whales courtyard at the Academy. The 37 foot totem pole was carved by three master carvers from the 'Ksan Indian Village in northern British Columbia and is an outstanding work of art in the Northwest Coast tradition.

The uppermost figure on the totem pole is an eagle in honor of the Bicentennial. Further down the pole is a grizzly bear representing California, and at the bottom is an emerging human figure symbolic of the new Wattis Hall of Man.

NEW GUINEA — A collection of ornately carved and decorated artifacts for ceremonial uses, including masks, musical instruments and sculptures from the Sepik River Basin of New Guinea can be seen in Hohfeld Gallery.

DANCE MASKS OF MEXICO — A superb collection of masks made of wood, clay, metal and stone, displayed on colorful life-size murals, can be seen in the Patricia Price Peterson Gallery. The collection is on loan to the Academy from the Mexican government in honor of our Bicentennial.

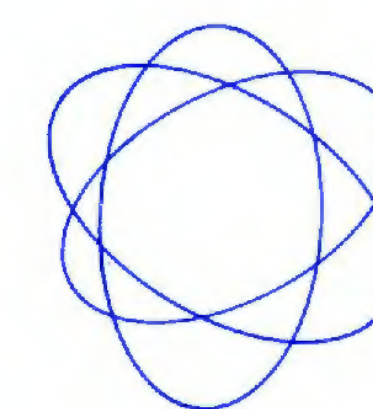


Morrison Planetarium

"200 REVOLUTIONS" is the title of the summer bicentennial sky show at the Morrison Planetarium. It is a fascinating look at some of the great names and the many advancements in the field of astronomy in the United States since 1776.

The program is presented daily at 12:30, 2:00, and 3:30, with evening shows on Wednesday and Thursday at 8:00. Admission is \$1.50 for adults and 50 cents for those 17 and under.

This mixture of laser light and music is unique and exciting entertainment for the entire family. See Laserium any day, except Wednesday and Thursday, at 5:00, 7:30, and 9:00 p.m. Extra shows on Friday and Saturday evenings. Admission is \$2.50 for all 5:00 shows and \$2.75 for all others. Tickets are available through all Bay Area Seating Service outlets. Remaining tickets go on sale at the planetarium box-office one-half hour before show time. Dial T-E-L-E-T-I-X for further information. Members are reminded that this is not a planetarium show nor are your membership tickets or passes usable for this attraction.



Laserium

RESEARCH DEPARTMENTS

EXPAND. . 1.5 million plant specimens and 6 million insects can create storage problems in terms of the physical space required in research departments. The Wattis Hall of Man has solved that problem at the Academy with the addition of approximately 28,000 square feet on the second and third floors of the new wing. The new space for Botany has enabled the consolidation of the Academy's herbarium with the Dudley Herbarium of Stanford University, establishing one of the most important collections in the country. The active Department of Entomology, which makes substantial contributions to insect studies conducted all over the world, has been able to expand in their spacious new quarters.

Five other departments, including Herpetology, Ichthyology, Birds & Mammals, Geology and Invertebrate Zoology, as well as the Junior Academy and the Docent Council, will gain much-needed space in the Academy version of musical chairs.

VALUABLE NEW COLLECTION

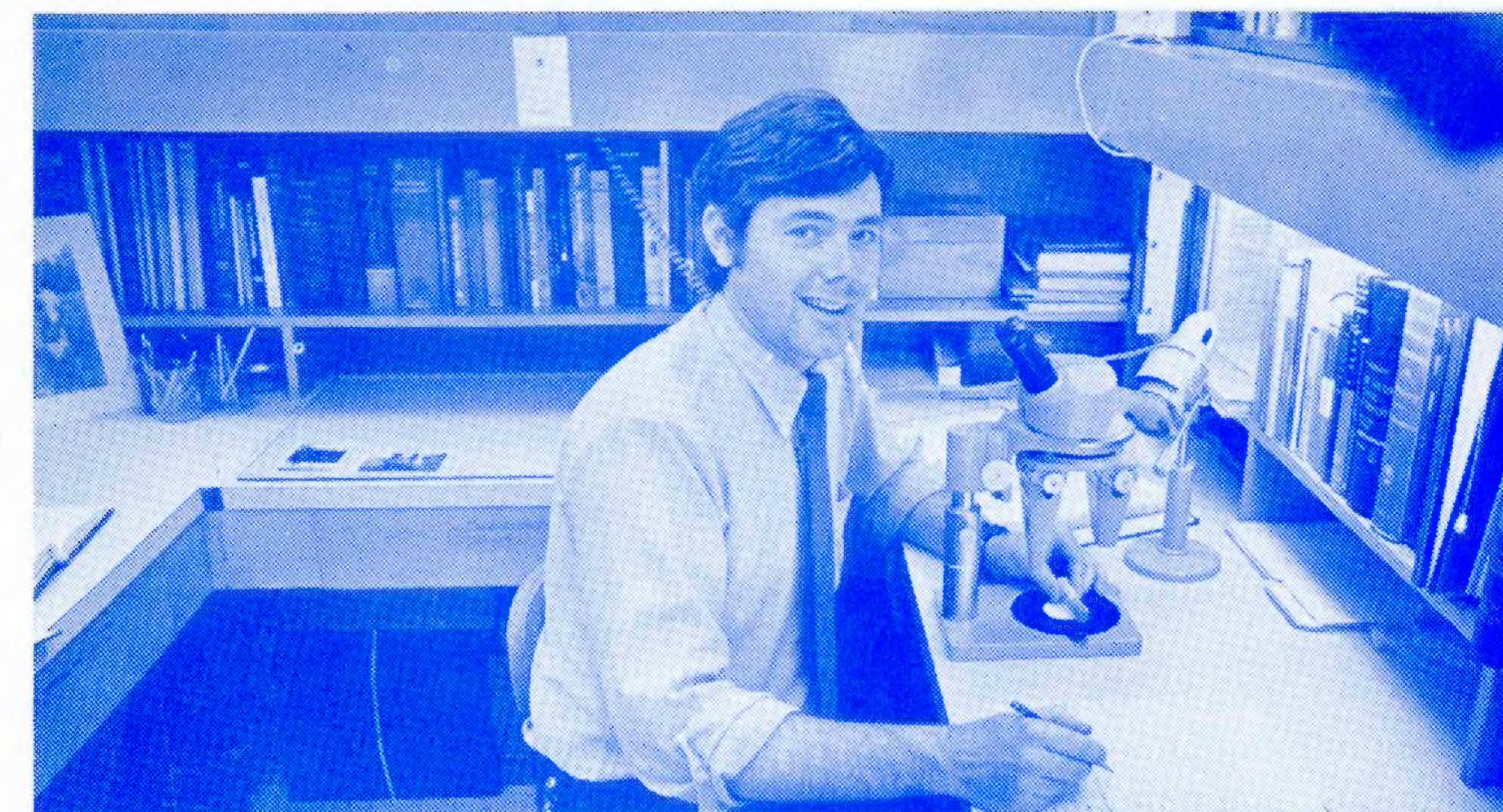
ARRIVES. . . One of the finest collections of Hawaiian artifacts from the 18th and early 19th centuries has recently been donated to the CAS by Mr. and Mrs. Alfred J. Ostheimer, III, of Honolulu. It is rare to find a collection of its size and quality in private hands.

The Academy was selected as the permanent home for the artifacts because it provides the best opportunity for public display of the collection. Of particular interest to the Ostheimers is the new Wattis Hall of Man and its creative presentation of ecological anthropology.

Approximately 80 per cent of the pieces represent domestic articles used by Hawaiians at the time prior to and just following contact with Europeans. Other pieces such as feather necklaces, leg ornaments, and stick gods carved in the Hawaiian tradition were used in ancient rituals and ceremonies and represent outstanding art objects. The Ostheimer collection will be exhibited in the Patricia Price Peterson Gallery beginning January 1, 1977.



Fourteen members of the Steinhart Aquarium Athletic Club joined 7,000 entrants in the grueling 7.8 mile Bay to Breakers race this year. The Tuna Trophy, for the fastest member of the team, was awarded to Randy Johnson who ran the distance in only 43 minutes. The Turtle Trophy and Better-Luck-Next-Year award went to Brian Lerond, handicapped by a broken toe!



David Kavanaugh, Acting Assistant Curator in the Department of Entomology, began his education and career in the Bay Area, traveled far afield, and then made the full circuit back to California, a home in Petaluma and his job at the Academy. He attended elementary schools in Alameda and Redwood City, high school in San Jose and on to San Jose State University. There he met and married his wife, Beverly, and their family now consists of sons Michael, Jeffrey and Thomas, and daughter Rebecca.

The Kavanaughs moved to Colorado and the University Medical School in Denver. After two years of training, David changed his major, enrolled at the Denver Center of the University and became a graduate student in biology. He received his M. A. in 1970. From there, the family migrated to Canada and the University of Alberta where David finished the requirements for a doctoral degree, except for the thesis which is to be completed this year. At the CAS, he is in charge of the beetle collection, numbering nearly 2 million specimens.

David and his wife are devoted to mountaineering, and have covered every major mountain range in North America and have put foot in every state of the Union except Hawaii and Florida. He is actively interested in basketball, squash, snowshoeing, folk and Bluegrass music, and intends, when his thesis is completed, to learn to play his 12-string guitar.



"THE YEAR OF THE CARIBOU"

There will be a single showing of this stunning documentary of one couple's return to the wilderness. In 1960 Fred and Elaine Meader moved with their young son, Dion, to the Brooks Range in Alaska where they built their own cabin and learned to live off the resources of the land. Their lives became intertwined with the migratory caribou, the animal which provides them with much of their food and clothing. In an effort to share what they have learned, they produced this film and will appear with it at our showing on Saturday, July 17, at 8:00 p.m. in Morrison Auditorium. The film, suitable for the entire family, runs an hour and forty minutes, and following it the Meaders will answer questions from the audience. We promise a memorable evening, and because of the limited seating, we urge you to send for your tickets now. All seats are \$3.50. We would appreciate your enclosing a self-addressed envelope with your ticket request, which should be directed to the Education Office.

ROGUE RIVER RAFTING TRIP:

August 20–25; \$260 per person. As of this writing there are still a few spots left on our Rogue River trip. The Rogue is a warm-water river running through a canyon lush with ferns and fragrant with conifers, and is now protected by Congress as a Wild River. Experienced boatmen will guide the rafts and cook the meals from lunch on Saturday, the 21st through lunch on Tuesday, the 24th. The price includes transportation from San Francisco and return, overnight accom-

modations in Grants Pass before and after the trip, and all rafting expenses, including meals on the river. Accommodations on the river are under the stars. Limited to 20, age 7 and up. Deposit: \$50 per person, sent to the Travel Office.

BARRANCA DEL COBRE:

August 22–31; \$595 from El Paso, Texas. This 10-day trip to the Grand Canyon of Mexico is a journey into the past. Visiting the lovely back-country of Mexico, we will stay at rustic lodges, traveling by private autovia over a railroad engineers said couldn't be built. Mini-buses will be used to extend our visit into Tarahumara Indian country; a tribe that still maintains its ancient rites, laws and customs. There will be overnight stops in Chihuahua and Creel.

Limited to 25. Deposit: \$50 per person, sent to the Travel Office.

MT. LASSEN VOLCANIC PARK:

September 9–12; \$10 per person. Join us for a Mt. Lassen camping trip September 9–12, taking advantage of the Admissions Day holiday. Mark Ghiorso will lead us up Cinder Cone and Lassen Peak, and on hikes into Chaos Crags, Bumpass Hell and the Lava Tubes, investigating all the while the volcanic history of the Park. Everyone will camp in group campsites, providing their own transportation, gear and food. We are limited to 15 cars. Because this will fill quickly, and to be fair to members outside the city, no reservations will be accepted unless postmarked July 15 or later.

LAVA BEDS NATIONAL MONUMENT/GLASS MOUNTAIN :

Sept. 17–20, 1976. We have a delightful four-day, charter bus trip scheduled for Lava Beds National Monument over September 17-20. Besides the Lava Beds we will see Mount Shasta, Glass Mountain, Burney Falls, ice caves, cinder cones — a long geological weekend. Charles Chesterman will be our guide. We will leave from the Academy at 8:00 a.m. on September 17 and return in the early evening of September 20, spending three nights in motels. Included are transportation, three nights lodging and four box lunches. Cost: \$110 per person, \$20 single supplement. Deposits of \$50 per person are being accepted at this time through the Travel Office of the Academy.

SUMMER HOURS — Beginning July 2 through Labor Day, the Academy will be open from 9:00 a.m. until 9:00 p.m.

ADVANCE NOTICE OF MONTHLY MEETINGS — August 11–12, September 8–9, and October 13–14.

New Members of the Academy

Regular Members

Mr. Byron Alton
Miss Byrnece Anderson
Mr. Richard Bacon
Mr. Dave Beaumont
Mrs. Leigh Brewer
Miss Susanne Brophy
Evelyn Brotherton
Ms. L. I. Burris
Miss S. L. Calhoun
Luis M. Chong L.
Mr. Robert Clemens
Miss Suzanne Cooke
Miss Alice E. Dildine
Miss Ann Marie Elwell
Mrs. Russell I. Erickson
Miss Robin A. Fisher
Mr. Russ Fletcher
Miss Lori Grace
Renata Hahn
Mrs. Janet Hansen
Miss Kathleen E. Harkins
Miss Patricia Harrigan
Miss Rosemary Harris
Intertribal Friendship House
Mrs. Gerda Isenberg
Miss Catherine Kessler
Miss Rhoda Klepinger
Mr. T. Max Kniesche, III
Miss Nita Lavaggi
Luna B. Leopold
Mrs. Esther Linfield
Mr. Richard B. Lyttle
Miss Amy B. Marshall
Mr. Maurice L. Martin
Mr. Anthony Moles
Mr. William M. Monger
Miss Helen E. Moss
Dean Muller & Leslie Ritner
Miss Bonnie McClintock
Mr. Donald J. McCubbin
Dr. Cathie Nurse
Miss Corinne Parsons
Mrs. Joyce Y. Pensig
Mrs. Vincent Rizzolo
Miss Beverly A. Rongren
Miss Margaret Russell
Mrs. George St. Jean
Mr. James C. Sandusky
Miss Ilse Sauerwalk
Mr. Edmund A. Schofield
Kai L. Schroder
Mrs. Marianne Shepard
Mr. Mark A. Smith, Jr.
Mr. Warren C. Smith
Mr. Richard E. Snowdon
Miss Mabry C. Steinhaus
Mr. William R. Stobbe
Miss Terry Stretch
Mr. Fred Stribling
Mr. Walter H. Stussie
Miss Judith R. Tate
Miss June Ann Tracy
Mr. Michael Truffer

Family Members

Mrs. Merry-Lynn Amsbury
Leigh Aules Family
Mr. & Mrs. John A. Bailey
Mrs. Fern L. Booth
Mrs. Betty Blumlein
Miss Carolyn J. Boggs
Mr. Gerry R. Burgess
Mr. & Mrs. Keith B. Chaffey
Mr. David L. DeZerega
Mr. Lambert Dolphin
Mr. James R. Douglas
Ms. Claude Duffield
Mr. & Mrs. James H. Dunbar, Jr.
Mr. & Mrs. Robert E. Ekstrand

Mr. & Mrs. William Elsbernd
Mrs. Donald H. Fry, Jr.
Dr. & Mrs. Maurice Galante
Mr. & Mrs. Leon Ginsberg
Miss Bonnie E. Tuggle
Miss Penny Valle
Ms. Karen L. Warren
Mrs. Elizabeth L. Weir
Miss Rebecca Wells-Smith
Miss Jane Williams
Mr. Richard Wolffers
Miss Jinny Wong
Mr. & Mrs. Michael Zoradi
Mr. & Mrs. Joseph Giordano
Mr. & Mrs. Robert L. Gunther
Mr. & Mrs. Thomas F. Hall
Mr. William E. Henderscheid
Dr. & Mrs. J. Higashi
Mr. Richard W. Hoff
Mr. Douglas W. Hurley
Robin Janes & David Goldberg
Mr. & Mrs. Thomas E. Jenkins
Mr. Saul L. Kitchener
Mr. John Koski
Dr. & Mrs. Lloyd E. Latch
Mr. Orval Leigh &
Miss Laure L. Mueller
Mr. & Mrs. Jose Leiva
Mrs. Karen P. Leng
Mrs. Jacqueline Link
Mr. & Mrs. Ray K. Linsely
Dr. & Mrs. Eugene F. Lynch
Mr. C. K. Lyon
Mr. & Mrs. Wm. E. Maddox
Mr. & Mrs. Terrence D. Maguire
Mr. & Mrs. George Manarolis
Mr. & Mrs. Mario M. Mandy
Mr. & Mrs. Donald A. Mibach
Mr. Jeffrey W. Miller
Mr. Philip M. Mockel
Mr. & Mrs. Michael E. Myers
Dr. & Mrs. Earle McBain
Dr. B. Curtis McDavid
Mr. Jeffrey Brett Olsen
Mr. & Mrs. Michael R. O'Neill
Mr. & Mrs. John Pearse
Mr. Joel S. Posner
Mrs. E. Clifford Potter
Mr. Angelo O. Puccioni
Mr. & Mrs. Michael Redfern
Dr. & Mrs. Melvin Rosen
Mrs. Gabriele Ruggiero
Rev. & Mrs. Ralph C. Shanks
Mr. Michael R. Sherwood
Mr. & Mrs. Thomas G. Smith
Dr. Robert D. Stone
Mrs. Audrey M. Strand
Mrs. Judy Sutherland
Mr. & Mrs. John Tappeiner
Mr. Crawford H. Thomas
Mr. & Mrs. Carl B. Thorwaldsen, Jr.
Ms. Selma Tschinkel
Mr. & Mrs. Horace Van Cheney
Mr. David Weinstock
Mr. & Mrs. Richard H. Wise
Gayle Zak & Joseph Sarcona
Mr. & Mrs. Jose Zepeda

Contributing Members

Dr. Armand P. Croft, Jr.
Mr. & Mrs. Bruce Fowler
Miss Marjorie Graham
Mr. & Mrs. Herbert Paine
Mr. Michael H. Strater
Mrs. Edward P. Williams

Life Members

Dr. Robert Z. Bachrach
Miss Leanna Ruth Piper

Open every day of the year
No. 439



California Academy of Sciences
Golden Gate Park
San Francisco, California 94118
(415) 221-5100 221-4214

Non-Profit Organization
U.S. Postage Paid
Permit No. 7544
San Francisco, California

California Academy of Sciences Newsletter July, 1976

CALIFORNIA
ACADEMY OF SCIENCES
JUN 22 1976

LIBRARY

Arch.
Copy 2
[no. 438]

